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State Data Center Agency Implementation Coordinator Meeting

April 23, 2015
2:00 – 3:00 p.m.

Attendees: SDC Project Staff and Agency Implementation Coordinators

Time	Topic	Presenter
2:00 – 2:10	Welcome & Introductions	All
2:10 – 2:35	Update on SDC Projects	Heidi Brownell
2:35 – 3:00	Q&A	All
3:00 p.m.	Adjourn	

Additional Instructions:
- **Meeting Location -**   1500 Jefferson Building [PDF Map or Mapped with Google]
Conference Room 2208

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State Data Center (SDC)
Agency Implementation Coordinator Meeting

April 23, 2015

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Agenda

- Welcome – Introductions/Review Agenda
- Update on SDC Projects
  - Firewall Migrations
  - SDC Move Phase 2
  - OB2 Equipment Room
  - DR-VTL
  - Avamar / TSM Sunset
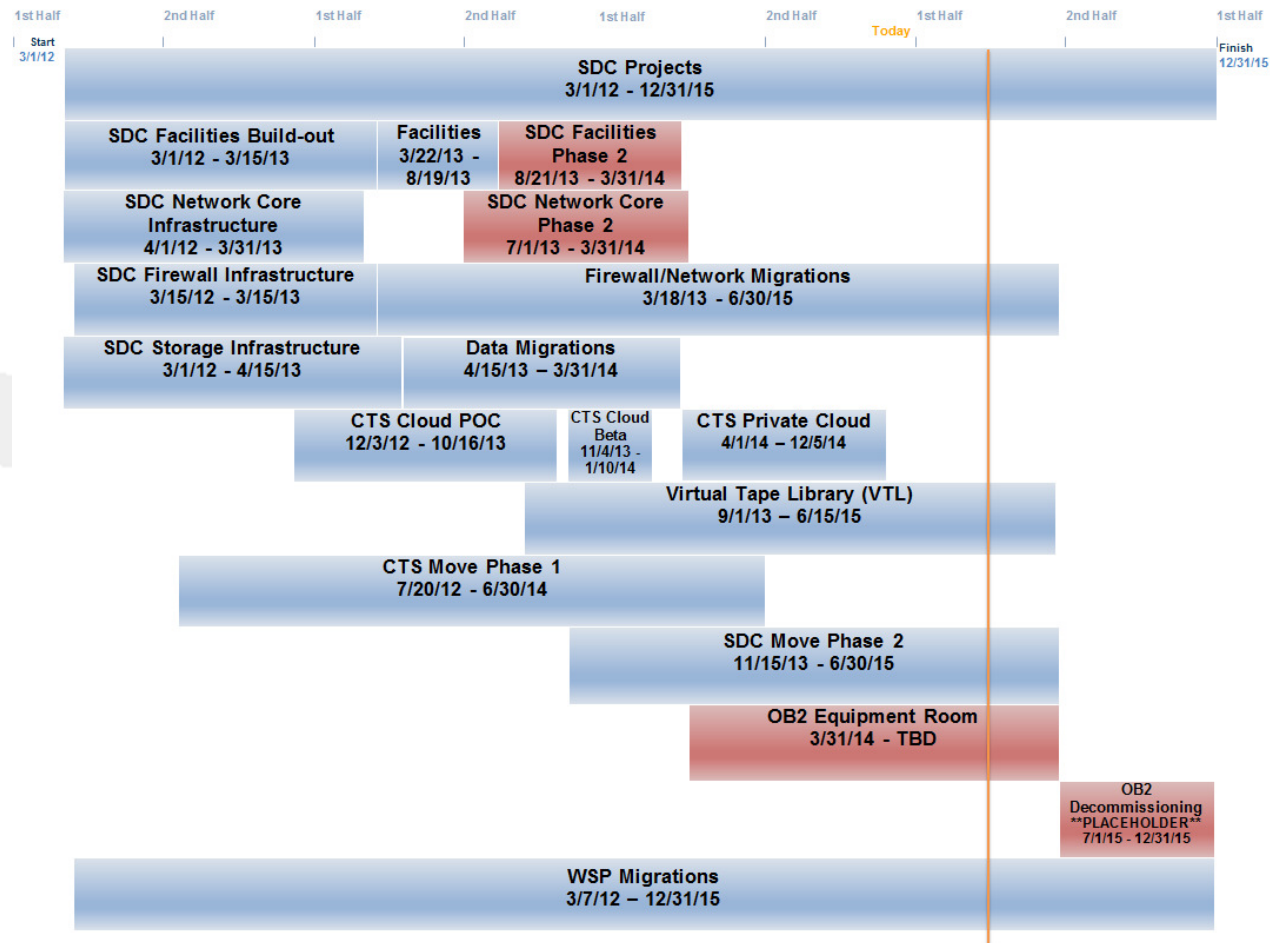- Customer Communications
- Q&A

SDC Projects

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SDC Projects Timeline

| 1st Half | 2nd Half | 1st Half | 2nd Half | 1st Half | 2nd Half | | 1st Half | 2nd Half | 1st Half |

Start 3/1/12 — Today — Finish 12/31/15

SDC Projects
3/1/12 - 12/31/15

SDC Facilities Build-out
3/1/12 - 3/15/13

Facilities
3/22/13 - 8/19/13

SDC Facilities Phase 2
8/21/13 - 3/31/14

SDC Network Core Infrastructure
4/1/12 - 3/31/13

SDC Network Core Phase 2
7/1/13 - 3/31/14

SDC Firewall Infrastructure
3/15/12 - 3/15/13

Firewall/Network Migrations
3/18/13 - 6/30/15

SDC Storage Infrastructure
3/1/12 - 4/15/13

Data Migrations
4/15/13 – 3/31/14

CTS Cloud POC
12/3/12 - 10/16/13

CTS Cloud Beta
11/4/13 - 1/10/14

CTS Private Cloud
4/1/14 – 12/5/14

Virtual Tape Library (VTL)
9/1/13 – 6/15/15

CTS Move Phase 1
7/20/12 - 6/30/14

SDC Move Phase 2
11/15/13 - 6/30/15

OB2 Equipment Room
3/31/14 - TBD

OB2 Decommissioning **PLACEHOLDER**
7/1/15 - 12/31/15

WSP Migrations
3/7/12 – 12/31/15

*Rose colored boxes updated per the July 2013 SDC Business Plan

SDC Firewall Project

Firewall Migrations

Recent:

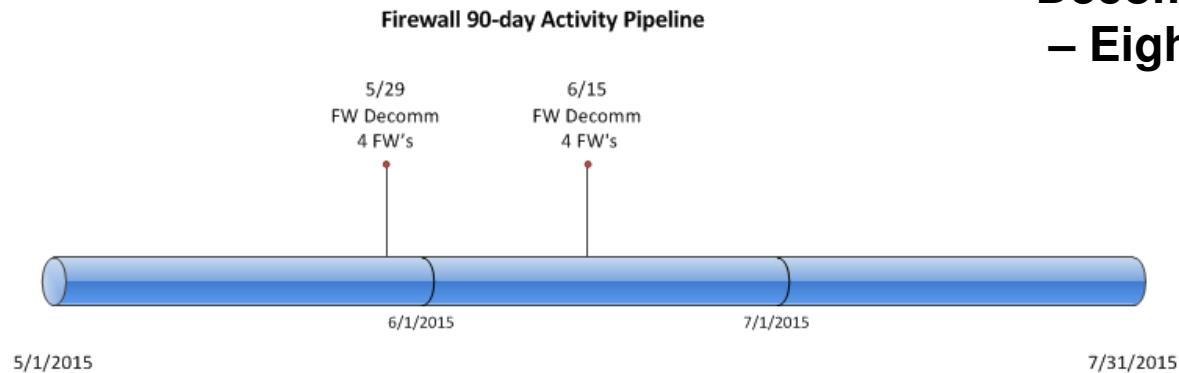- Completed last TWO firewall migrations!
    - FW-BP-MPLS (rescheduled)
    - FW-ESS

Upcoming:

- Prepare to decommission remaining EIGHT firewalls

# Firewall Migrations – Next 90 Days

Decommissions – Eight

Firewall 90-day Activity Pipeline

5/29	6/15
FW Decomm	FW Decomm
4 FW's	4 FW's

6/1/2015   7/1/2015

5/1/2015   7/31/2015

Customer Expectations

- Customers will be contacted at least six weeks prior to the target move date to set the schedule.
- Customer approves schedule, establishes test scenarios, performance benchmarks and prepares for move (see Readiness Guide when published).
- Customer Coordination continues through entire move cycle.
- Customer gives final acceptance of move completion.

Project Phases

- **Base Ready:** 2/1/13
- **MPLS Connector (Simple):** Began April 2013- Completed June 2013
- **MPLS Connector (Complex):** Began July 2013 - TBD
- **IGN/Infrastructure:** Began November 2013 – Complete by June 2015
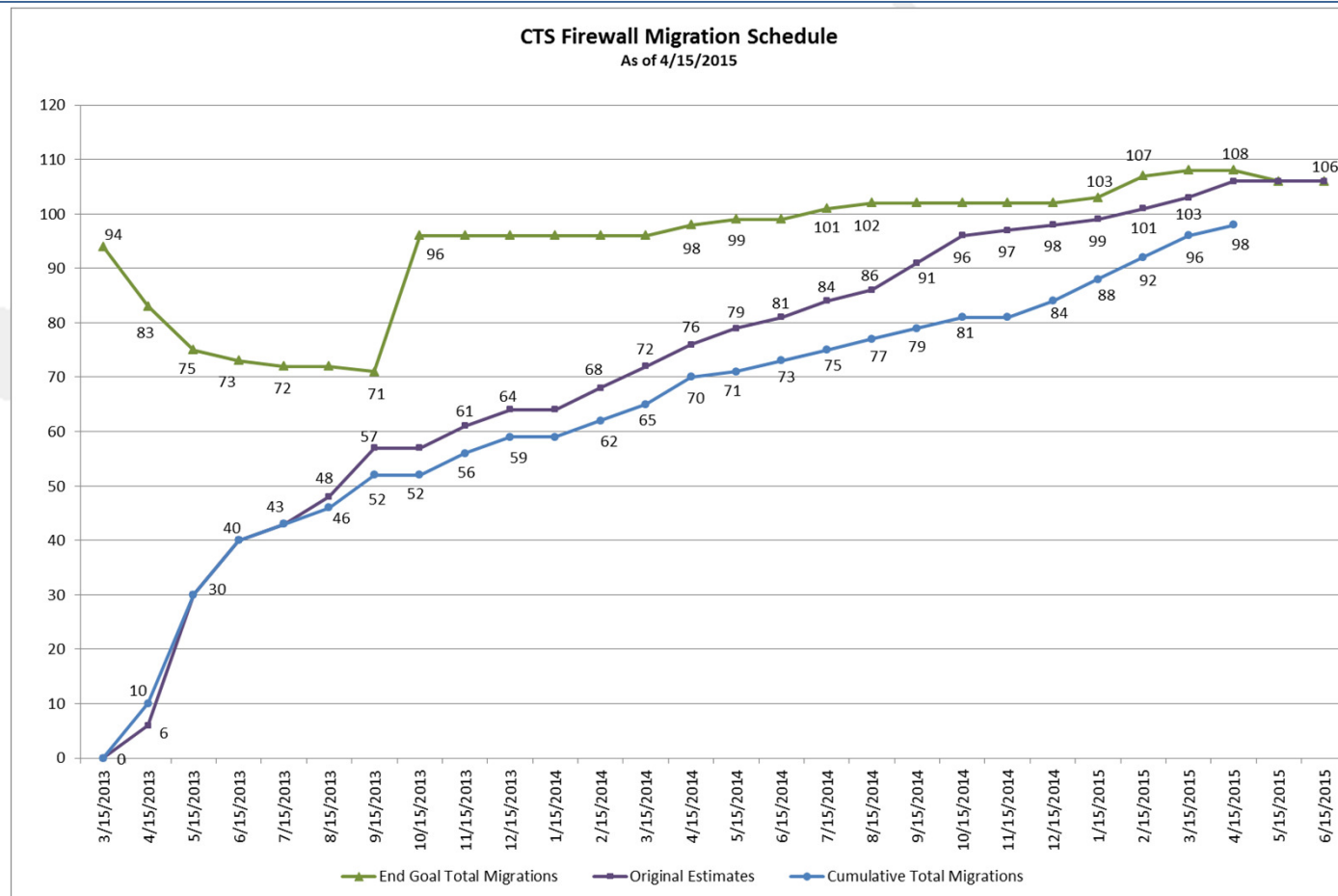
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Firewall Migrations

CTS Firewall Migration Schedule
As of 4/15/2015

SDC Move Phase 2

SDC Move Ph 2- Scope

SDC Move Phase 2 moves the remaining systems out of OB2 into the SDC.

In Scope:

- Equipment supporting CTS services such as:
    - CTS internal support systems
    - Security systems
    - Telephony system
    - Network systems
- Customer agencies in OB2 A la Carte

No Change
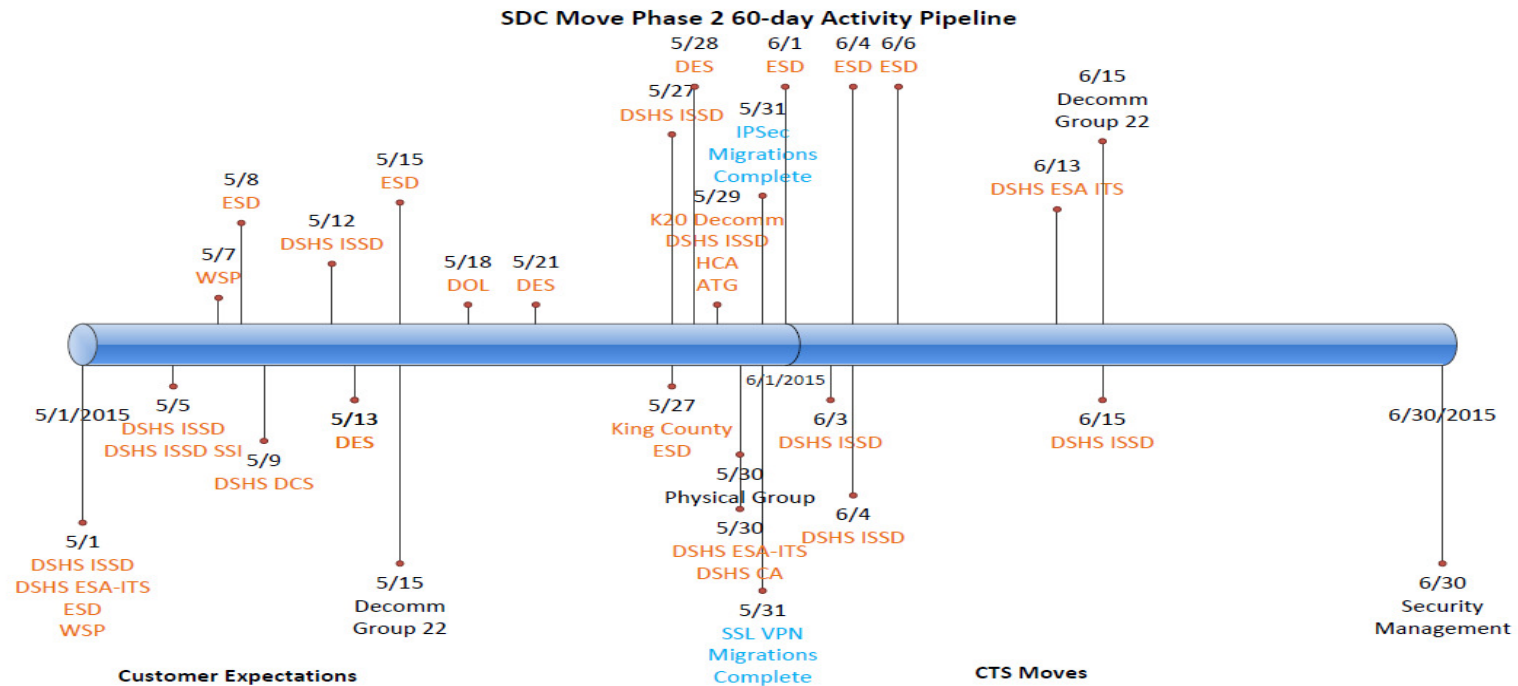
SDC Move Phase 2

- CTS Devices
- Security
- Telephony
- Network
- Customer Migrations

SDC Move Ph 2- Next 60 Days

SDC Move Phase 2 60-day Activity Pipeline

Customer Expectations

- Customers will be contacted at least six weeks prior to the target move date to set the schedule.
- Customer approves schedule, establishes test scenarios, performance benchmarks and prepares for move (see Readiness Guide when published).
- Customer Coordination continues through entire move cycle.
- Customer gives final acceptance of move completion.

CTS Moves

Servers
- Decomm Group 22
- Decomm Group 23
- Security Management
- Physical Group

Migrations
- DSHS ISSD
- DSHS CA
- DSHS DCS
- DSHS ESA-ITS
- HCA
- DAHP
- DES
- ESD
- WSP
- DOL
- K20
- ATG

Security
- SSL VPN Migrations Complete
- IPSec Migrations Complete

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SDC Move Ph 2- CTS Devices

Recent:

- Migrated LNI Server
- Migrated Virtual Groups 31 and 32
- Completed Decomm Group 21

Upcoming:

- Migrate Physical Move Group for TSD
- Complete Decomm Group 22

SDC Move Phase 2

- CTS Devices
- Security
- Telephony
- Network
- Customer Migrations

SDC Move Ph 2- Security

Web Services Gateways (DSHS & COM)

This project will migrate the Web Services Gateway functionality from OB2 to the SDC.

Recent:
- Completed COM customer-test

Upcoming:
- Schedule and perform production cutover for COM
- Schedule and perform customer-test and production cutover for DSHS

SDC Move Phase 2

- CTS Devices
- Security
- Telephony
- Network
- Customer Migrations

SDC Move Ph 2- Security

SSL VPN

There are 14 agencies currently using OB2 SSL VPN platform who will be migrated to our new SDC SSL VPN platform. Both systems will be up to allow phases user migrations by May 31st.

Recent:
- All agency users were configured in the new system.

Upcoming:
- Continue troubleshooting as agencies test.
- Agencies support users to use the new system.

SDC Move Phase 2

CTS Devices

Security

Telephony

Network

Customer Migrations

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SDC Move Ph 2- Security

IPSEC Service Announcement

CTS published an updated [Service Announcement](#) for the SSL and IPSec Remote Access Services to sunset on May 31st.

Service Announcement

March 17, 2015

TO: CTS Remote Access Services Customers

FROM: Phil Davis, Manager
            Security Projects Engineering

SUBJECT: SSL and IPSec Remote Access Service Upgrade

This service announcement provides updated information on the Remote Access project that Consolidated Technology Services (CTS) is implementing to replace the existing older technology. The replacement platform is F5 Big-IP and provides role-based, delegated administration for agency specific administration requirements .

What Does this Mean?

Five pilot agencies began using the F5 product in February and all other existing customers are scheduled to be migrated to the new platform in **March-April, 2015**. Existing customer agencies that use the Cisco IPSEC software client have been contacted to plan their migration to the new F5 Big-IP platform. CTS will decommission the existing Juniper SSLVPN product and also the existing Cisco IPSEC software client by **May 31, 2015**.

Progress To Date

- CTS held an informational meeting on November 24, 2014 and a pilot customer meeting on Feb 10, 2015.

SDC Move Phase 2

- CTS Devices
- Security
- Telephony
- Network
- Customer Migrations

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SDC Move Ph 2- Security

IPSEC Software Clients

This project will migrate IPSEC software clients from the system in OB2 to the SDC. There are 45 customer agencies/counties.

Recent:
- Met internally to discuss migration strategy

Upcoming:
- Collaborate with customers regarding migrations
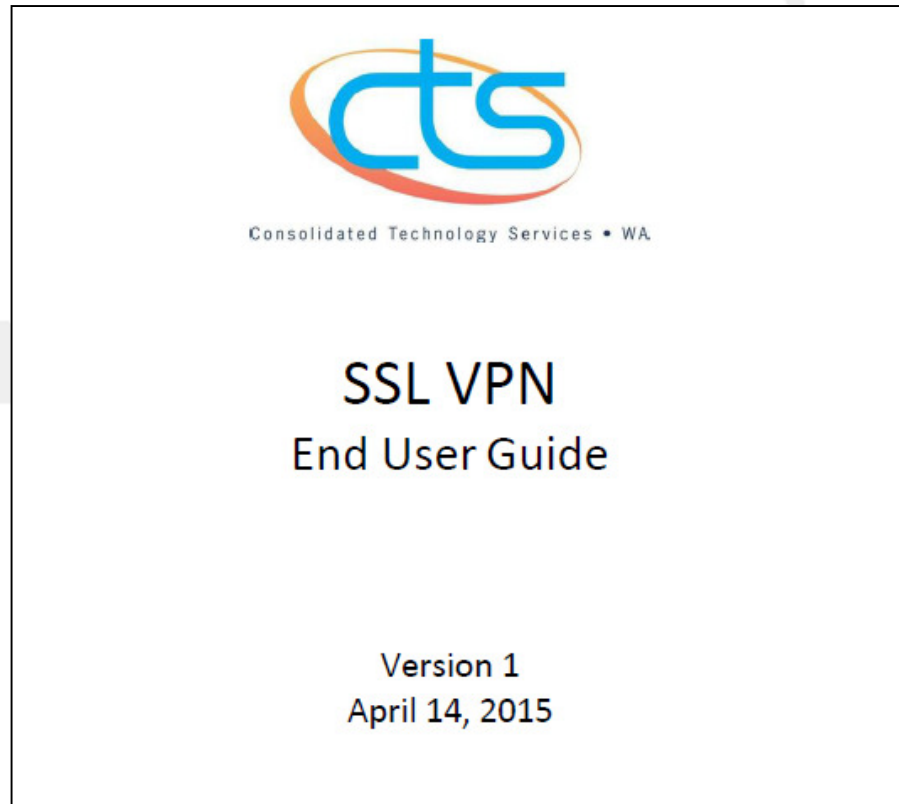
SDC Move Phase 2

CTS Devices
Security
Telephony
Network
Customer Migrations

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New Guide Posted

Click above to launch document.

SDC Move Ph 2- Security

IPSEC Site-to-Site/Branch Office

- This project will upgrade VPN systems for:
  - 12 agencies using Site-to-Site tunnels
  - 22 agencies using Branch Office VPN

Recent:
- Installed equipment in the SDC

Upcoming:
- CTS will deliver new or configure existing gear
- Continue collaborating with customers on migrations

SDC Move Phase 2

- CTS Devices
- Security
- Telephony
- Network
- Customer Migrations

SDC Move Ph 2- Security

SecMan

This project will migrate the SecMan environment in OB2 to a redesigned solution in SDC. This will impact CTS and customers with delegated administration for CTS-managed Firewalls.

Recent:
- Completed connectivity cut sheet

Upcoming:
- Continue migration planning
- Notify impacted customers (who are delegated admin of Firewalls)

SDC Move Phase 2

- CTS Devices
- Security
- Telephony
- Network
- Customer Migrations

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SDC Move Ph 2– Network

WAN Carrier Build out

Recent:

- CenturyLink installed copper for MPOP and staged fiber

Upcoming:

- Continue work with:
    - PNWGP (Gigapop)- tentative mid-May for equipment install
    - CenturyLink (copper)- receive permit to pull fiber from CTS vault to CenturyLink

SDC Move Phase 2

- CTS Devices
- Security
- Telephony
- Network
- Customer Migrations

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SDC Move Ph 2– Network

Migrate TDM (T1s) to the SDC

Recent:

- Completed April 16th migration

Upcoming:

- Continue migration planning

SDC Move Phase 2

- CTS Devices
- Security
- Telephony
- **Network**
- Customer Migrations

Total # Remaining — 50

Total # Circuits — 122

SDC Move Ph 2– Network

Migrate PBX (Phone) Remote Sites to the SDC

Recent:

- Working with vendor to resolve an issue

Upcoming:

- Resolve issue and continue migrations

| Total # Remaining | 11 |
| Total # Remote Sites | 14 |

SDC Move
Phase 2

- CTS Devices
- Security
- Telephony
- **Network**
- Customer Migrations

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SDC Move Ph 2– Network

Vendor Trunk Migrations

Recent:

- Completed March 30th , April 1st, April 8th, April 15th and April 22nd migrations
- Scheduled migrations for April 27th

Upcoming:

- Continue migration planning

Total # Remaining	19
Total # Circuits	324

SDC Move Phase 2

- CTS Devices
- Security
- Telephony
- **Network**
- Customer Migrations

SDC Move Ph 2– Network

Migrate Access Layer and 6509s to SDC

Recent:

- Connections continue to decrease as equipment and customers move from OB2 to the SDC.

Upcoming:

- Communicate with customers regarding any impacts

SDC Move Phase 2

- CTS Devices
- Security
- Telephony
- Network
- Customer Migrations

Total # Remaining	275
Total # Connections	641

SDC Move Ph 2 - Customers

Recent:

- Supported Migrations for WSP, DSHS, DOL and ESD
- Completed Migration Events for DAHP and OIC
- Continued supporting customer migration planning

Upcoming:

- Support DSHS, DES, DOL, King County, ESD, WSP, OST, ATG and HCA Migrations
- Orientation for DOR
- K20 Decommission
- Continue supporting customer migration planning

SDC Move Phase 2

- CTS Devices
- Security
- Telephony
- Network
- Customer Migrations

OB2 Decommissioning

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SMON Node Relocation

Recent:
- Began procurement for additional fiber.

Upcoming:
- Coordinate with customers to migrate the 19 customers on 11 connections from the old node to the new node.

Total # Remaining	11
Total # Connections	11

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OB2 Equipment Room

DES, CTS, and DSHS have been meeting to discuss the requirements, plan, and design or the future state of vacated data center space in OB2. Some Telephony and LAN equipment will need to stay in OB2 to support the tenants.

Recent:
- Met with DSHS and DES for planning.

Upcoming:
- Finalize CTS → DES space management transition details.

Virtual Tape Library

DR - VTL Project

Recent:
- Completed replication of data from OB2 to SDC

Upcoming:
- IBM
    - Install equipment to control robotics of tape library
    - Perform IBM production cutover to SDC DLM
    - Retrofit OB2 gear to prepare for shipping to Sungard
    - Ship gear to Sungard
    - Begin re-sync of gear at Sungard
- Unisys
    - Complete final Unisys backups to OB2

Avamar

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Avamar Project (w/ TSM Sunset)

Recent:
- Worked with DSHS, CTS, DFI, DOH, and ECY
- Completed final Avamar and TSM backups to OB2

Upcoming:
- Work with mainframe team
- Final backups all expire by June 1
- Sunset TSM
- Decommission gear

Total # Remaining	150
Total # Nodes to cutover	408

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Customer Communications

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New Enterprise Projects Office Email

- You may notice emails will start to come from *Enterprise Projects Office* or EPO@cts.wa.gov

Customer Communications

- The SDC Projects website provides information regarding project background, status, meeting information, and migration resources.

- The SDC Migration Calendar provides a calendar view of migration information linking back to the Technical Bulletins.

- Technical Bulletins notify customers of upcoming changes regarding SDC project-related changes.

- The SDC Project ASK website provides online document collaboration regarding agency migrations out of OB2.

- Monthly AIC meetings provide an opportunity to hear status presented and ask questions.

- Migration project meetings are scheduled with specific customers as needed to prepare for their migrations.

SDC Project Website

The SDC Projects website provides current information about the status of the projects.
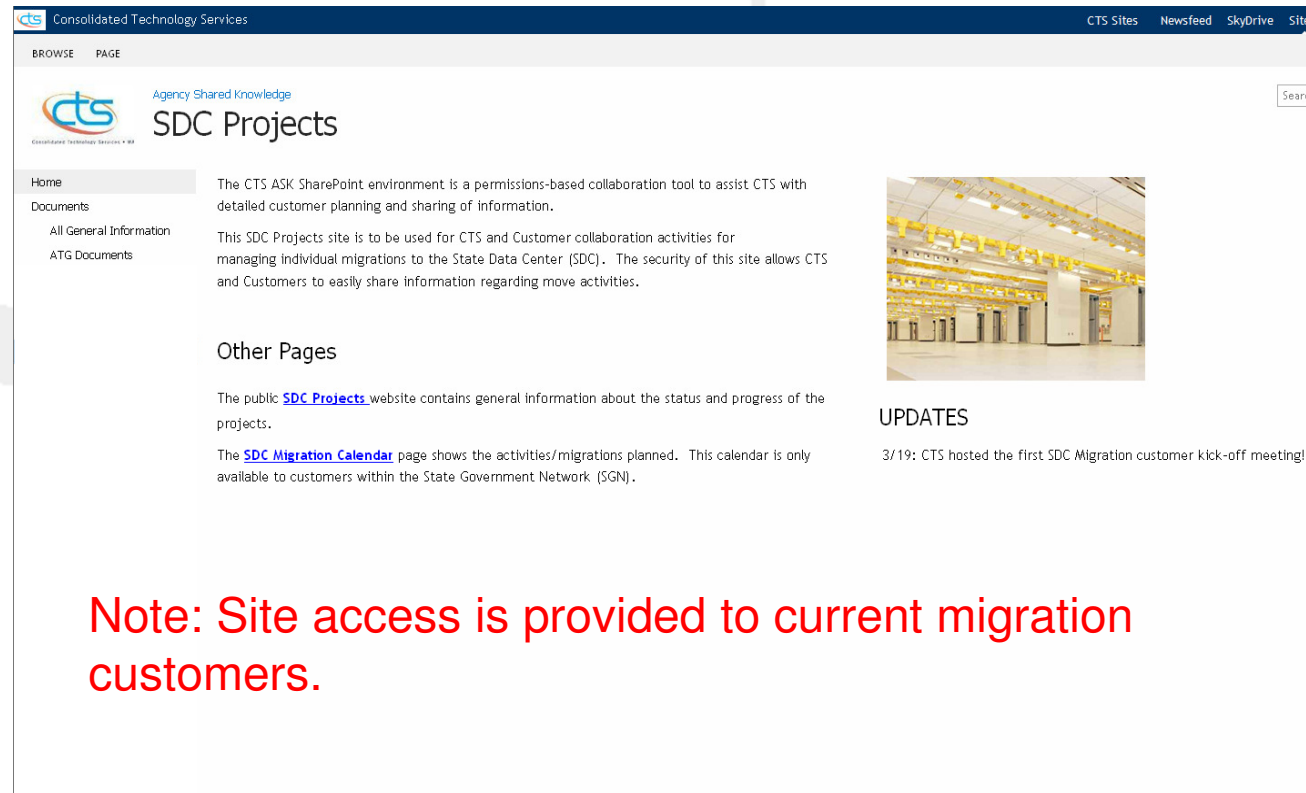
See also:

Customer Readiness website

Migration Calendar Updates

Customers on the SGN can view migration events on the SDC Migration Calendar.

SDC Project ASK Website

The [SDC Projects ASK](#) website enables customer and CTS collaboration regarding the migrations.

Note: Site access is provided to current migration customers.

The Migration Guide

The State Data Center Migration Guide

SDC Move Phase 2

- CTS Devices
- Security
- Telephony
- Network
- Customer Migrations

Version 1.6
December 8, 2014

The Migration Guide is available on the ASK site.

Q&A

Next Meeting

Our next meeting will be **May 28th** 2:00 – 3:00 p.m.

All meetings will be held at <u>1500 Jefferson Building</u> – Conference Room 2208.

Our online <u>Meeting Calendar</u> is continually updated with meeting materials.

Contact Information

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- Heidi Brownell – CTS Chief Project and Planning Officer

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